International application No.

			·	PCT/NZ2004/	000197
A.	CLASSIFICATION OF SUBJECT MAT	TER			
Int. Cl. 7;	C07F 9/54, A61K 33/42				
According to I	International Patent Classification (IPC) of	or to bot	h national classification and IPC	·	
В.	FIELDS SEARCHED			·	
	mentation searched (classification system foll RONIC DATABASES BELOW	owed by	classification symbols)		
Documentation	searched other than minimum documentation	to the ex	xtent that such documents are include	d in the fields search	ned
	RONIC DATABASES BELOW. base consulted during the international search	n (name o	of data base and, where practicable, se	arch terms used)	
	ostracts: Sub-structure search.				
C.	DOCUMENTS CONSIDERED TO BE REL	EVANT			,
Category*	Citation of document, with indication,	where a	ppropriate, of the relevant passage	s [·]	Relevant to claim No.
X	WO 2003/016323 A1 (ANTIPODE 2003. (see Claims and Examples)	AN BI	OTECHNOLOGY LIMITED)	27 February	1-20 47-50 67-87.
x	KELSO, G. F., et. al. (2002) Prever Targeted Antioxidants. Annals of the				1-12,21- 42,44-52,56- 66.
X	JAUSLIN, M. L. el. al. (2003) Mito Ataxia fibroblasts from endogenous antioxidants. The FASEB Journal 1 (see Abstract, and Discussion)	s oxida	tive stress more effectively tha	n untargeted	1-12,21 42,44-52,56- 66.
x	KELSO, G. F., et.al. (16 February 2) Ubiquinone to Mitochondria within 276(7):4588-96. (see Abstract, School	ı Cells.	The Journal of Biological Che		1-12,21 42,44-52,56- 87
X F	urther documents are listed in the cor	ntinuati	on of Box C X See pa	atent family ann	ex
"A" documer not cons	categories of cited documents: nt defining the general state of the art which is idered to be of particular relevance	нТл	later document published after the interne conflict with the application but cited to underlying the invention		
	oplication or patent but published on or after the onal filing date	"X"	document of particular relevance; the cla or cannot be considered to involve an in		
or which another o	nt which may throw doubts on priority claim(s) t is cited to establish the publication date of citation or other special reason (as specified)	"Y"	alone document of particular relevance; the cla involve an inventive step when the docur such documents, such combination being	nent is combined with	one or more other
	nt referring to an oral disclosure, use, exhibition	"&"	document member of the same patent far	-	
	nt published prior to the international filing date than the priority date claimed				
l	nal completion of the international search		Date of mailing of the internatio	nal search report	
·18 October 2	2004 ing address of the ISA/AU		1 NOV 2004		
AUSTRALIAN PO BOX 200, V E-mail address:	PATENT OFFICE WODEN ACT 2606, AUSTRALIA pct@ipaustralia.gov.au (02) 6285 3929		ALISTAIR BESTOW Telephone No: (02) 6283 24	50	

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C (Continuati Category*	On). DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to
	Ciation of document, where appropriate, of the following pushings	claim No.
Х	US 6331532 B1 (MURPHY, M. P. el. al.) 18 December 2001. (see col. 2 – 3, 19 - 20, and claims)	1-12,21- 42,44-52,56- 87.
х	SARETZKI, G., et. al. (April 2003) MitoQ counteracts telomere shortening and elongates lifespan of fibroblasts under mild oxidative stress. Aging Cell 2:141-3. (see p. 141 and Fig. 1)	1-12,21– 42,44-52,56- 66.
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	·	
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Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This internate reasons:	ational search report has not been established in respect of certain claims under Article 17(2)(a) for the following
1.	Claims Nos.:
<u></u>	because they relate to subject matter not required to be searched by this Authority, namely:
2. X	Claims Nos.: 1 – 12, 18 – 30, 33 – 36, 39 – 42, 45 – 47, 51, 57, 59 – 66 (Partially)
٠	because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
	The only support provided for compounds having mitochondrially targeted antioxidant effect are those being methoxyphenyl alkyl triphenylphosphonium or methoxy dioxocyclohexadiene alkyl triphenylphosphonium derivatives. These compounds represent the special technical features of the invention, and hence have been subject to a search. Compounds claimed entirely in terms of having a mitochondrially targeted antioxidant effect, cannot be searched. Hence the above claims have only been searched to the extent that they encompass the above named compound types.
3.	Claims Nos.:
	because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)
Box No. II	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This Intern	ational Searching Authority found multiple inventions in this international application, as follows:
1.	As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2.	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3.	As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
·	
4.	No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
	·
Remark o	n Protest The additional search fees were accompanied by the applicant's protest.
	No protest accompanied the payment of additional search fees.

Information on patent family members

International application No.

PCT/NZ2004/000197

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member				
wo	03016323	EP	1423396	NZ	513547			
US	6331532	AU	16964/99	AU	16965/99	CA	2311318	
		EP	1047701	NZ	505352	US	2002052342	
		US	2003069208	US	2004106579	WO	9926582	
		WO	9926954					

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX